



28PH

2834

Please type a plus sign (+) inside this box



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/21 (08-00)

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	09/818,308
	Filing Date	03/27/2001
	First Named Inventor	Larry G. Waterfield
	Group Art Unit	2834
	Examiner Name	Budd, Mark Osborne
	Attorney Docket Number	99-600
Total Number of Pages in This Submission		7

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	D. James Barnes, Registration No. 48,869
Signature	
Date	April 15, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope address to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 04/15/2003			
Typed or printed name	D. James Barnes		
Signature		Date	April 15, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)	
)	
LARRY G. WATERFIELD)	Art Unit: 2834
)	
Application No. 09/818,308)	Examiner: Budd, Mark Osborne
)	
Filed: March 27, 2001)	Paper No.: 12
)	
For: COATED ELECTROACTIVE)	
BENDER ACTUATOR)	
)	
)	
Attorney Docket No. 99-600)	
<hr/>		

Peoria, Illinois 61629-6490

April 15, 2003

Assistant Commissioner for Patents
Washington, D.C. 20231

RESPONSE

Sir:

In response to the Office action dated January 15, 2003 ("Office action"), please amend the above identified application as indicated below, and please consider the following remarks.

IN THE SPECIFICATION

Please amend the specification as indicated below. For the Examiner's convenience, a marked-up version of the amended paragraph is provided in Exhibit A.

Please amend the paragraph beginning at page 1, line 25, as set forth below:

One difficulty with using a conventional actuator in a pump or valve is that pumps and valves are commonly made of metal. In a bare electroactive bender actuator, one or more parts of the actuator may accidentally come into electrical contact with the pump or